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PATENT ABSTRACTS OF JAPAN

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(21)Application number : 09-157633

(71)Applicant : ATSUDEN KK

(22)Date of filing : 31.05.1997

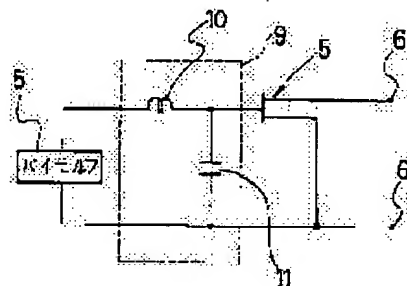
(72)Inventor : SATO FUMINORI
ATSUMI TOMOYA

(54) VIBRATION PICKUP MICROPHONE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a microphone in which a digital noise generated due to the influence of a portable telephone can be effectively removed by interposing a filter constituted of an inductor and a capacitor between a ceramic bi-morph element and an impedance converting circuit.

SOLUTION: A filter 9 constituted of an inductor 10 and a capacitor 11 is interposed between a ceramic bi-morph element 8 and an FET 5. Thus, a voltage generated by the ceramic bi-morph element 8 is introduced through the filter 9 to the FET 5. When a portable telephone is used close to a place where an ear microphone is being used, a radiated radio wave is allowed to act on the ceramic bi-morph element 8 of the ear microphone. At that time, the filter 9 constituted of the inductor 10 and the capacitor 11 captures the electromagnetic wave, and attenuates it. Noise components due to the radio wave generated by the portable telephone can be removed by the filter 9, and the FET 5 can not be affected.



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PATENT ABSTRACTS OF JAPAN

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(43)Date of publication of application : 07.05.1996

(51)Int. Cl.

H04B 15/00

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(21)Application number : 06-277116

(71)Applicant : CASIO COMPUT CO LTD

(22)Date of filing : 17.10.1994

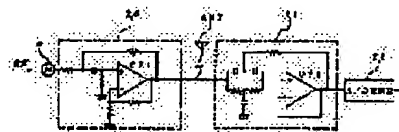
(72)Inventor : SUGIURA MASAKI

(54) VOICE INPUT CIRCUIT IN RADIO COMMUNICATION EQUIPMENT

(57)Abstract:

PURPOSE: To provide a voice input circuit in radio communication equipment capable of reducing a burst noise without impairing audio signal information intended to be transmitted originally.

CONSTITUTION: An audio signal in the neighborhood of a frequency band where a burst shape noise is superimposed is outputted so as to be increased by a band-pass filter 20 arranged at the rear stage of a microphone 5. A signal of frequency band on which the noise is superimposed is attenuated by the share incremented by the band-pass filter 20 by a band cutting filter 21 arranged at the stage behind a line interfered by the noise, and supplied to an A/D converter 22 at the rear stage.



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